KANSAS CORPORATION COMMISSION ORIGINAL OIL & GAS CONSERVATION DIVISION

Form ACO-1 October 2008 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5150	API No. 15 - 125-30,567-000
Name: COLT ENERGY, INC	Spot Description:
Address 1: PO BOX 388	NE_SE_Sec. 27 Twp. 32 S. R. 17 V East West
Address 2: _1112 RHODE ISLAND RD	1980 Feet from North / South Line of Section
City: IOLA State: KS Zip: 66749 + 0 3 8 8	810 Feet from 📝 East / 🗌 West Line of Section
Contact Person: DENNIS KERSHNER	Footages Calculated from Nearest Outside Section Corner:
Phone: (620_) 365-3111	□ NE □ NW ☑ SE □ SW
CONTRACTOR: License # _33286	County: MONTGOMERY
Name: BARTON T LORENZ	Lease Name: CLUBINE, ANTHONY E. Well #: 27-1
Wellsite Geologist: MICHAEL EBERS	Field Name: CHEROKEE BASIN COAL AREA
Purchaser: ONE OK	Producing Formation: PENNYSLAVIAN COALS
Designate Type of Completion:	Elevation: Ground: 784 Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 962 Plug Back Total Depth: 959.02
Oil SIOW	Amount of Surface Pipe Set and Cemented at: Feet
✓ Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
CM (Coal Bed Methane) Temp. Abd.	If yes, show depth set: Feet
Dry Other	If Alternate II completion, cement circulated from: 959.02
(Core, WSW, Expl., Cathodic, etc.)	0175405
If Workover/Re-entry: Old Well Info as follows: Operator: QUEST CHEROKEE, LLC	Alt 2-Dlg - 1/6/10
Well Name: CLUBINE, ANTHONY E. 27-1	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: 7/21/04 Original Total Depth: 962	, ,
Deepening Re-perf Conv. to Enhr Conv. to SWD	Chloride content: ppm Fluid volume: bbls Dewatering method used: NO OPEN PIT AT SITE
Plug Back:Plug Back Total Depth	Dewatering method used: NO OF ENTITY AT SITE
Commingled Docket No.:	Location of fluid disposal if hauled offsite:
Dual Completion	Operator Name:
Other (SWD or Enhr.?) Docket No.:	Lease Name: License No.:
-6/30/94 4-13-09 7/1/04 9-13-09	QuarterSecTwpS. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workover or c of side two of this form will be held confidential for a period of 12 months if rec	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information quested in writing and submitted with the form (see rule 82-3-107 for confidential report shall be attached with this form. ALL CEMENTING TICKETS MUST rm with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulate t are complete and correct to the best of my knowledge.	he oil and gas industry have been fully complied with and the statements herein
Signature:	KCC Office Use ONLY
Title: OFFICE MANAGER	Letter of Confidentiality Received
Subscribed and sworn to before me this 179 day of	If Denied, Yes Date:
20 09	Wireline Log Received RECEIVE
Notary Public: Shully a Statler	Geologist Report Received DEC 3 1 2009
Date Commission Expires: 1-20-2012	UIC Distribution KCC WICH TA

Side Two

Operator Name: COLT ENERGY, INC			Lease	Lease Name: CLUBINE, ANTHONY E. Well #: 27-1							
Sec. 27 Twp. 32		✓ East	West	County: MONTGOMERY							
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate surveyed. Attach final	sed, flowing and shu es if gas to surface te	t-in pressur st, along wi	es, whether s	hut-in pres	sure read	hed static level	, hydrostatic p	ressures, bottom h	iole tempe	erature, fluid	
Drill Stem Tests Taken				 ✓Lo	✓ Log Formation (Top), Depth and Datum ☐ Sample			ample			
(Attach Additional Sheets) Samples Sent to Geological Survey ✓ Yes		s 🗌 Ńo		Name DRILLERS LC		RS LOG ATTACHED		D)atum		
Cores Taken Yes Electric Log Run (Submit Copy)							REC	RECEIVED			
List All E. Logs Run: GAMMA RAY/NEUTRON/CCL HIGH RESOLUTION/COMPENSATED DENSITY/SIDEWAL NEUTRON LOG DUAL INDUCTION/LL3/GR LOG				LOG		DEC 3 1 2009 KCC WICHITA					
		······································		RECORD	✓ Ne	_					
Purpose of String	Size Hole	Size	Casing	Wei	ight						
SURFACE	Drilled 11	8 5/8	(in O.D.)	24.75	/ Ft.	Depth 25.7	"A"	6 Used	Jsed Additives		
PRODUCTION	6 3/4			10.5		959.02	"A"	122			
			ADDITIONAL	CEMENTI	ING / SQL	EEZE RECORI)				
Purpose: Perforate Protect Casing Plug Back TD	Depth Top Bottom	Type of Cement		#Sacks	s Used	Type and Percent Additives					
Plug Off Zone											
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth					
4	837-838, 844-846, 898-900					INFORMATION NOT AVAILABLE 837-900					
4	465-470, 498-501, 527-530, 543-545					250GAL 30% HCL 7400# BRADY SAND 465-545					
4	835-837, 843-845, 896-900					250GAL 3	80% HCL 7	400# BRADY	SAND	835-900	
TUBING RECORD:	Size:	Set At:		Packer A	At:	Liner Run:	Yes [] No			
Date of First, Resumed Production, SWD or Enhr. Producing Method: 10-27-09			hod:	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)							
Estimated Production Per 24 Hours	Oil	Bbls.	Gas 9			Water Bbls. Gas-Oil Ratio Gravity 4					
DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL: PRODUCTION INTERVAL: Open Hole Open Hole							/AL:				

FIELD and LABORATORY SAMPLE EXAMINATION

0-214'	Samples not examined							
214-261'	Wayside Sandstone, very fine grained, subrounded, light brown, cuttings consist n loose sand grains, slight petroliferous odor, turned dust brown when drilled, scatte blebs in cuttings in upper 20', uniform medium dull yellow fluorescence	nostly of red oil						
261-305	Shale							
Top of the Pawnee Limestone at 305' (+616')								
305-329'	Limestone, light olive gray, tan, fine grained							
Gas Check @ 310' 3" on 1/2" choke = 11 mcf/day (all from the Wayside Sandstone)								
329-332½'	Shale, dark gray							
332½-334½	e' Lexington Shale, grayish black, disseminated pyrite, very carbonaceous, cuttings f in a jar with water	airly gassy						
334½-338'	Shale							
Gas Check @ 335' 3½" on ½" choke = 12 mcf/day								
338-348'	Sandstone, light gray, fine grained							
348-353'	Shale, medium gray, silty							
353-402'	Shale, medium dark gray							
Top of the Oswego Limestone at 402' (+519')								
402-435'	Limestone, light olive gray, shale break @ 409-410'							
435-437'	Shale, medium dark gray							
437-439½'	Summit Shale, grayish black, carbonaceous, some water in shale, cuttings fairly gawith water	ssy in a jar						
Gas Check (@ 439½" 2½" on ½" choke = 10 mcf/day							
439½-442'	Shale, medium dark gray							
442-449'	Limestone, light olive gray	RECEIVED						
449-450'	Shale, medium dark gray	DEC 3 1 2009						
450-462'	Limestone, light olive gray	KCC WICHITA						

462-4641/2' Shale, medium dark gray

464½-467½' Mulky Shale, grayish black, carbonaceous, cuttings gassy in a jar with water

467½-468½' Mulky Coal, thin bright and semi-dull bands, irregular chips, semi-vitreous on fresh break

468½-470' Shale, medium gray

Gas Check @ 470° -- $1\frac{1}{2}$ " on $\frac{1}{2}$ " choke = 8 mcf/day

470-477' Limestone, olive gray and dark brown, medium grained, no petroliferous odor

477-4981/2' Shale, dark gray

498½-500¼' Bevier Coal, mostly bright, lesser dull bands, 3 to 4% disseminated pyrite along bands, 3% flat cleat faces, cuttings gassy in a jar with water

5004-523' Shale, medium dark gray

Gas Check @ 510' -- 9½" on ½" choke = 19 mcf/day (11 mcf/day from the Bevier Coal)

Top of the Verdigris Limestone at 523' (+398')

523-5241/2' Limestone

524½-525½' Croweburg Shale, grayish black and dark gray, cuttings gassy in a jar with water

5251/2-527' Shale, medium dark gray

527-528' Shale, dark gray

528-529' Croweburg Coal, thin bright and dull bands, 5% flat cleat faces, cuttings very gassy in a jar with water

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529-530' Shale, medium dark gray

530-531' Limestone

531-543½' Shale, medium gray and light greenish gray

Gas Check @ 535' -- 9" on 1/2" choke = 19 mcf/day

543½-544' Fleming Coal

544-570'

Shale, medium dark gray

570-576' Shale, medium light gray, silty and sandy, no petroliferous odor

576-590' Shale, dark gray

590-605' Sandstone, light gray, laminated with siltstone, medium dark gray, no petroliferous odor

605-630' Shale, dark gray

630-632' Weir Shale, grayish black, cuttings fairly gassy in a jar with water

632-6321/2' Weir Coal

6321/2-661' Shale

Gas Check @ 636' -- 7" on $\frac{1}{2}$ " choke = 17 mcf/day

661-735' Sandstone, light gray, laminated with siltstone, medium dark gray, no petroliferous odor

** Started injecting water @, 671'

735-748' Shale, dark gray

748-761' Shale, medium gray, locally silty, locally light greenish gray

761-778' Shale, medium gray and medium dark gray

778-8361/2' Shale, dark gray

8361/2-8371/2' Rowe Coal, thin dull and lesser bright bands, cuttings gassy in a jar with water

8371/2-8441/2' Shale, dark gray

Gas Check @ 840' -- $7\frac{1}{2}$ " on $\frac{1}{2}$ " choke = 17 mcf/day

8441/2-8451/2' Neutral Coal, cuttings gassy in a jar with water

8451/2-8971/2' Shale

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Gas Check @ 861' -- same as above

897½-900' Riverton Coal, shiny metallic luster on fresh break, no vitreous coal, 3 to 5% irregular cleat faces, mostly irregular coal, cuttings very gassy in a jar with water

900-906' Shale, dark gray

Gas Check @ 905' -- 21/2" on 1" choke = 41 mcf/day (24 mcf/day from the Riverton Coal)

Top of the Mississippian at 906' (+15')

Ohert, very light gray and light bluish gray, mostly massive/flinty, 20% chalky, 20% mottled to massive dark brown oil staining, 4% pinpoint vuggy porosity, 65% mottled medium bright yellow fluorescence, fair petroliferous odor, light show of oil @ 912-922' when cuttings washed

Gas Check @ 912' -- same as above

922-937' Chert (85%), white and very light gray, massive/flinty; dolomite (85%), olive gray, fine crystalline, 1 to 2% pinpoint vuggy porosity, 20% medium bright yellow fluorescence, very faint odor, no oil show

Clubine, Anthony E. #27-1 7/1/04

937-949' Dolomite, light olive gray, very light gray, and tan, fine crystalline, sucrosic, no visible porosity, uniform medium mustard yellow mineral fluorescence, very faint odor comes and goes, no oil show

949-966' Dolomite, olive gray, fine crystalline, massive, no petroliferous odor or show

Gas Check @ 966' -- 11/2" on 1" choke = 8 mcf/day

T.D. @ 966'

Michael L. Ebers, PG, CPGS Petroleum Geologist

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